

JAN 30 2008

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TO:	Commissioner for Patents	COMPANY:	U.S. Patent and Trademark Office
FAX:	571-273-8300	PAGES:	19 (including cover)
PHONE:		DATE:	January 30, 2008
RE:	U.S. Patent Application No. 09/989,898	ATTORNEY DOCKET/REF. NO.	R029 1559/US
		ACCOUNTING NO.	38400.0172.2

☐ Urgent    ☐ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

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In re application of: Laurence M.C. Lai  
Application No.: 09/989,898  
Filed: November 19, 2001

OFFICIAL

For: Manufacture Having Double Sided Features In A Metal Containing Web And Manufacture And  
Method For Forming Same In A Liquid-Based Etch Process

Attached in connection with the above-identified patent application are the following:

- (1) Transmittal Form;
- (2) Fee Transmittal; and
- (3) Response to Office Action and Amendment.

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WCSR 3500795v1

JAN 30 2008

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/989,898	
	Filing Date	November 19, 2001	
	First Named Inventor	Laurence M.C. Lai	
	Art Unit	1765	
	Examiner Name	Alanko, Anita Karen	
Total Number of Pages in This Submission	18	Attorney Docket Number	R029 1559/US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature	<i>Dana E. Stano</i>		
Printed name	Dana E. Stano		
Date	January 30, 2008	Reg. No.	50,750

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Sheila M. Gray</i>		
Typed or printed name	Sheila M. Gray	Date	January 30, 2008

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JAN 30 2008

PTO/SB/17 (10-07)

Approved for use through 06/30/2010. OMB 0651-0032

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2008**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

**Complete if Known**

Application Number	09/989,898
Filing Date	November 19, 2001
First Named Inventor	Laurence M.C. Lai
Examiner Name	Alanko, Anita Karen
Art Unit	1765
Attorney Docket No.	R029 1559/US

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 09-0528 Deposit Account Name: Womble Carlyle et al.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues) \_\_\_\_\_

Each independent claim over 3 (including Reissues) \_\_\_\_\_

Multiple dependent claims \_\_\_\_\_

Fee (\$)	Small Entity Fee (\$)
50	25
210	105
370	185

**Total Claims** 33 **Extra Claims** 33 **Fee (\$)** 0 **Fee Paid (\$)** \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** 5 **Extra Claims** 5 **Fee (\$)** 0 **Fee Paid (\$)** \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**Multiple Dependent Claims**

**Fee (\$)** **Fee Paid (\$)**

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**          **Extra Sheets**          **Number of each additional 50 or fraction thereof**          **Fee (\$)**          **Fee Paid (\$)**         

         - 100 =          / 50 =          (round up to a whole number) x          =         

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

Signature	<u>Dana E. Slano</u>	Registration No. (Attorney/Agent)	50,750	Telephone (404) 879-2437
Name (Print/Type)	Dana E. Slano			Date January 30, 2008

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Laurence M.C. Lai Confirmation No.: 1341  
Application No.: 09/989,898 Art Unit: 1765  
Filed: November 19, 2001 Examiner: Alanko, Anita Karen

For: MANUFACTURE HAVING DOUBLE SIDED FEATURES IN A METAL  
CONTAINING WEB AND MANUFACTURE AND METHOD FOR  
FORMING SAME IN A LIQUID-BASED ETCH PROCESS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION AND  
AMENDMENT PURSUANT TO 37 C.F.R. § 1.111

Sir:

In response to the non-final Office Action mailed November 1, 2007, Applicant respectfully requests reconsideration in view of the following amendments and accompanying remarks.

Amendments to the claims begin on page 2 of this paper.

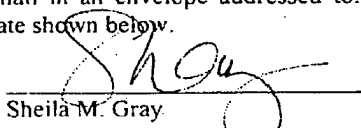
Remarks begin on page 12 of this paper.

Conclusion is on page 16 of this paper.

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1/30/08  
Date

  
Sheila M. Gray